SG-OLT701-8
Fiber Optic Fttx Solution OLT PON CARD

FEATURES

> Compliant to IEEE 802.3ah standard
> Support 1 optical interface and 1x10/100/1000Base-T User Network
> Flexible QoS management for triple play service
> Flexible VLAN Management to meet operator's service model
> Support IGMP snooping and IGMP filter for efficient multicast
> Support filtering function to permit/deny upstream traffic
> Support User MAC Count Limit fuction

SPECIFICATIONS

Model	SG-OLT701-8
Parameter	Specifications
Operating wavelength	1310nm(RX) Upstream/1490nm(TX) Downstream
Fiber Type	Single Mode
Optical power	+2 ~ +7dBm
Receiving Sensitivity	-27dBm
Max distance	20km
Max splitter ratio	1:32
Capacity	2 PON, each PON Support max 64pcs ONU, Total 128pcs ONU
MAC	8,000 MAC Address
Uplink Port	2 Port : 10/100/1000 Base-T Ethement RJ45 Ports
Pon Port	2 SFP Fiber Port
Control Port	RJ45, RS232, to debug the Device
MTBF	100,000 Hours
EPON Traits	Support IEEE802.3ah OAM, ITU G.984.4 OMCI
	Support DBA with minimum 1 Kbps granularity adjustable
	Support 1 Gbps up link and down link symmetrical bandwidth
	Support AES-128 encryption to each Logical Link identifier
	Support Powerful OAM function, implement telnet management, mainteance and upgrade
	Support auto discovery and auto register of ONU (Real-time operation)
Protocols Supported	Support IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3x Flow Control
	Support IEEE802.1Q VLAN
	Support IEEE802.P QoS

Model	SG-OLT701-8
Parameter	Specifcatons
Network Management	Support GUI Management based on SNMP V2
	Support Local serial interface management and local serial interface management and
	TelnetGUI management based on CLI, Telnet Command Line Interface (CLI) Support
	Dynamic Bandwidth Allocaton (DBA) and Service Level Agreement (SLA), Out of
	bandmanagement, Local console, SNMP V2
Other Functons	Support 1GMPv1/v2 Protocol report, query and leave message mouse
	Support ipv4 address learning based at DHCP Snooping
	Support ARP Snooping, Qos etc
	Strict Priority (SP), Weighted Round Robin (WRR)
Slots	3U Chassis w/ 8 Slot for OLT card & 1 slot for NMS card
Working temperature	-30~55°C
Storage temperature	-40~70°C
Humidity	5%~90% non-condensing
Power	2 (Dual-power) DC-48V or AC220V
Weight	10.69kg

ACCESSORIES

Model : SG-OLT700C1

Model : SG-ONU901-1G

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